2:Sanders E-5 (no date) 1949 EEl Bulgaria EEl

342

"Most of the houses in Dragalevtsy were one-storied." *See page 22.*

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"The hearth or stove was the focal point of the barely furnished living room." *See page 23.*

[facing p. 13]

2:Sanders E-5 (no date) 1949 EE1 Bulgaria EE1

dusty in the summer, icy or slushy in the winter. The refuse from most of the houses flowed through little trenches into the ditches along the streets, thence to be carried, if enough water could be diverted from Dragalevtsy River, to some place below. Fortunately, blasts of fresh, pure air rolled down from the mountain most of the time.

While all of the mountain villages had the same kind of streets as Dragalevtsy, it alone had electricity. These other villages disappeared from the sight of men as soon as shadows stole up the mountainside, but Dragalevtsy burst into view at dusk as electric lights from street and dwelling shone against the dark background of Vitosha, vividly revealing the location and size of the village. (Electric lights were first used there in 1928.) The lights of the village used to go out one by one as bedtime approached, and at ten o'clock even the street lights were off, leading one to the conclusion that the street lights were as much for adornment as for public safety.

Frequently I had to leave the village alone after dark to return to the American College, where I taught and lived during most of the year. Invariably the peasants, still under the sway of a custom wise enough in Turkish times, argued that sensible people never left the village late at night.

"But what is there to be afraid of?" I asked.

"Oh, but one never can tell."

"Are there bandits around?"

"Thank God, no."

"Will I run into wolves?"

"No, not at this time of year. But there are sheep dogs."

"If sheep dogs are all I have to worry about, I guess I had better be starting," I told them.

They would then reply:

"*Gospodine* [Mister], you are a brave man," but I could tell from the way they shook their heads when they spoke that they considered me more foolhardy than brave.

Once away from the village I turned to look at the irregular string of beads of light that was Dragalevtsy and thought of the people with whom I had talked during the day and of their homes, around which centered their simple hopes and unpretentious dreams.

2: Sanders E-5 (no date) 1949 EE1 Bulgaria EE1

The hearth or stove was the focal point of the barely furnished living room. When winter came the small fires burned steadily, but slowly as though undernourished. For fuel, people in Dragalevtsy used small branches brought from the village forest up on the mountainside, though a few bought coal from the mine at Pernik. No longer did they burn cow dung. Older people of the family felt that fire was sacred because it could bring on great disasters; therefore, it should not be treated lightly. The aged would never think of spitting in the fire, and gravely deplored this disrespect of the young. This attitude is perhaps an ancient survival of the days when the Bulgarians were sunworshipers.

The walls of the homes were pierced by comparatively few windows, which were small and were kept tightly shut during the winter to keep out the "dangerous" night air. The rest of the wall space was brightened somewhat by gaudy calendars decidedly patriotic in theme. The iron bedsteads or the heavy wooden beds which lined the walls contrasted strikingly with some homemade cradle or trundle bed reserved for the succession of young. A kneading trough stood near the door, usually covered to serve as a table. The only other table was a low circular *sofra* around which people ate seated on three-legged stools. I once asked a peasant:

"Why do all of your little stools have three legs instead of four?"

"Far back in the past people used such stools and so we use them also. And I guess they are easier to be made and also are cheaper; furthermore, some people think that they keep a better balance since on a three-legged stool there is one less leg to wear down and become uneven than would be the case with a four-legged stool."

I have not been able to discover any flaw in this example of peasant logic. The same woman once explained to me why the people use the *sofra,* which is two feet high:

"This height was chosen through the ages because if it were lower, people would have to sit on the dirty floor. If it were the height of a regular table such as people have in the taverns, the three-legged stools would be too short. Therefore, the height of our table and the height of our stools are intimately connected."

9:Megas I,B-5,4 (no date) 1951 EH1 Greece
Bulgaria
EE1

342
192

1. The Bulgarian house of the lowlands.

This type of house mostly consists of two wide front spaces and of a prostoon, i.e. vestibule which is open as a rule on both its lateral sides.

[354] One of these spaces has the hearth (ognichte) and is called the kăsta, or more rarely hyza (1), i.e. house. It can hence be concluded that this space originally constituted the entire house. The other space is heated up by a stove and it is called the «soba», which means stove.

[252]

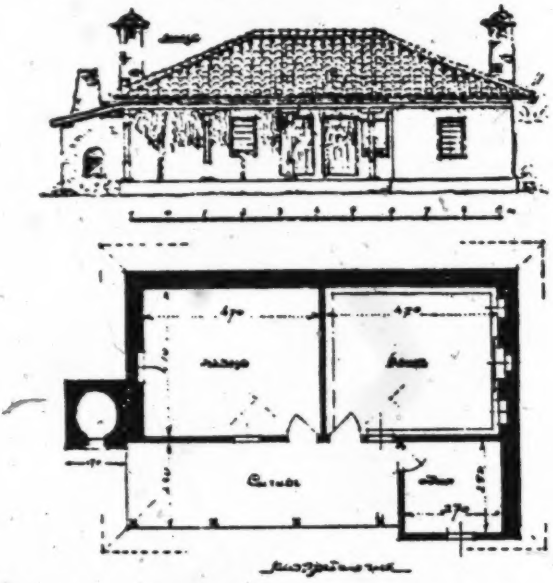

Fig. 33 House at the village Makrolivado (Usúntsovo) in district of Chaskovo (Zlatev, Bălgar. kăsta, fig. 91)

The vestibule extending in front of the rooms, takes up either all the front part or only part of it, and is called by the Greek name «prust» (2) or by the Turkish names zardak, or saivan, or sundurma (3).

1) This word originates from the German hûs, Haus. Small and lightly constructed houses are also called by the Bulgars and the Slavs koliba or chalupa, from the Greek word καλύβη. (**L. Niederle,** Manuel de l'antiquité slave, II la civilisation Paris 1926 p.98 note 5).

2) Cf. the «μπροῦστι», i.e. the προστῷον, of the Greek houses in the Haimos area and the «μπρόστι» or «ἀμπρόστι» of the Roumloukion house near Thessaloniki (**G. Megas** Θρακ. Οἰκήσεις p. 27).

3) According to **Jirecek,** Das Fürstenthum Bulgarien, p. 158, «the Bulgarian houses have always an open vestibule (prust, sundurma) formed by the extention of the roof and supported by wooden poles».

This type of house is as a rule in the middle of a large courtyard, surrounded by a plaited fence; the secondary parts of the housing, such as stable, hay-barn, cereal store, etc. are dispersed into this yard.

In Southern Bulgaria, the Bulgarian farmers' houses do not present any difference from the rural houses of the Greeks, who were established there many centuries ago in the areas of Kavakli and Messimvria, as I have described them in my survey Θρᾳκικαὶ Οἰκήσεις (pp. 27-29 and 43-44), or from the houses of Southern, Eastern and Western Thrace. This is evident from the plans of two houses, one from the village of Macrolivado (Ouzountsovo) of the Chaskovo district (fig. 33) and the other from the Karatoprak village, of the Philippople district (fig. 34).

The first one was built in 1780; it consists of two main rooms, completely separated from each other, and of a portico which originally covered all the frontage of the house. The small room (odaja) on the right hand end of the portico is an addition of recent years. According to Zlatev «the existence of a fire place in both rooms is not normal» (p. 104) «and it is characteristic to note that the hearth in the main room, the kʼsta, has been built on the external wall». In the other room, called here «zantsa», the hearth has derived from repair and it is obvious that the use of the other room was different, namely it was used to stabling the cattle or storing fruits, ect., as it is usual in the rural houses of Southern Thrace (1). On one end of the building, in line with the two rooms, the oven has been built on one end of the portico, which is often seen in other parts of Thrace. Zlatev says that, «the division of space was not changed in bigger houses, possessing more rooms. The additional spaces are placed in line, and the portico is increased by expansion along the entire lengthened frontage of the house (2). When this lengthening is extended too much, and the length has an oppresive influence on the external appearence, the portico is then adapted so that it is extended outwardly from its centre, in the shape af a square, thus very much reminding the shape ot the mountainous house» (Zlatev, p. 104).

The same is noted in the house of the Karatoprak village (built in 1912) which is tripartite and consists of two rooms and a stable, but a part of one of its rooms (of the soba) has been separated and formed a special space which was called, from the Greek language,

1) G. Megas, Θρᾳκικαὶ Οἰκήσεις p. 13.
2) Cf. G. Megas, ibid. figg. 10 and 13.

from the other purely valley type houses, such as the houses of the Hevros or the Plevna valleys» (p. 95). 342

The house of the village of Divlia, Radomir district, (fig. 37) is a «typical bipartite valley building with a portico all along its frontage» (Zlatev, p. 98), and that of the village of Grigorevo, Novo-Celo district, (fig. 38 and 39) is only slightly elevated from the ground and includes, apart from the two spaces, basic for every valley house (the kăsta and the soba), one cellar in line with these spaces, and a small room on the front of the house which, together with the portico, forms a wing,

Fig. 40 House in Sapantsi, district of Novo Celo
(Zlatev, Bălg. kăsta fig. 82)

coming out of the main body of the building. All the rooms have an earthern floor, covered with clay. The hearth is in the kăsta, i.e. the «house», on the wall separating the two rooms and has next to it two built-in cupboards (dulapze). Opposite the hearth, on the other inner wall, there is the pitcher shelf. The bread-oven, the stable and the other buildings, essential for rural life, are to be found in the large courtyard. This is surrounded by a two metres high wall, made of unbaked bricks and covered with tiles (Bulg. keramidi). The entrance door is double, and wide enough to permit the entrance of carts, but next to it there is another door for the entrance of people. The 354 353 252 343 351

Bulgaria EE1
Slavic Peoples E16
Serbs EF6

The typical form is shown by a house of the village of Zianozene of the Berkof district, built in 1890 (Fig. 41) «In these areas», says Zlatev (p. 98), «southward and northward of the Haimos, in the plain or even in the mountains, this house is the normal type used. The portico here appears in various forms and positions, depending on the construction, which is here primitive and without any particular sense of shape». Part of the space under the portico has been enclosed with oak-tree boards and it is used as a pig-sty. The walls of the ground-floor are made of stone, and those of the upper floor of daubed wicker-work (Bulg.: pletarka). The floor of the upper storey is made of oak planks, roughly planed, and plastered with a thick layer of clay. Windows are few and small, and thus results a poor lighting in the house. The height of the basement is of 2 metres, and that of the upper floor 2 - 2.5 metres. The portico, formed on the frontage and called «islak» (Greek: ἡλιακός), appears as a non-organic part, attached to the main body, although its roof is a part of the whole roof of the house. It is mainly used for the drying of fruits [1].

The need to house a large family, as e.g. the so-called zadruga, created a difficult problem which remained architecturally unsolved in the case of the Serbs and the other Slavs: the young people and the young couples sleep in separate small buildings (vajat, klijet, staja or koliba from the Greek καλύβη = hut) which are constructed alongside or around the family house (called kuć'a), having no hearth and being also used as a stable or a store house [2]. The number of klijeti existing round the kuć'a gives the number of couples living in that cluster [3]. As for the Bulgarians, this problem has been solved through the following two methods: 1. By the addition of rooms, in direct organic connection with the original region of the hearth. 2. By the unification of two independent bipartite or tripartite houses through covered entrances or corridors.

The first method is shown by the house in the village Zabel (Zlatev, fig. 16), one of the oldest houses in NW Bulgaria, which, «some

1) It is interesting to note the nomenclature of each part of the wooden bone in W. Bulgaria, which is often similar to that used in Thessaly and Epirus (Zlatev, p. 101, fig. 86) 1. Temel (θεμέλιον) = the basis of the post. 2. Direk = the post. 3. Gredi = (γρεντιά) beam. 4. Pope (παπάς = priest) (cf. **O. Megas**, Θεσσαλ. Οἰκήσεις p. 20).

2) See **J. Cvijić**, La Peninsule Balkanique, Paris, 1918, p. 233 and foll.

3) See **L. Niederle**, Manuel de l'antiquité Slave, Vol. 2 Paris 1926, p. 109.

9:Megas I, B-5,4 (no date) 1951 EH1 Greece EH1
Bulgaria EE1
Slavic Peoples E16

[The Bulgarian House of the Mountains]

In these two-storey houses as well, we distinguish in the upper-floor the two basic spaces just as in the Bulgarian house of the plains, namely the kăsta and the oda or soba with the so-called tsardak (or islak or soundourma) that is the open portico, in front of them. The lower storey is used, just as in the Greek houses, for the stabling of cattle and the storing of fruits, but very often it also includes a room with a hearth for the residence of the family during the winter. This is also called «kăsta» i.e. house, or even better, «lower house» and «small house» in contrast to the «upper», or «big house» that is the main room of the upper floor, where the family lives in the summer months.

The second room, called soba, is also used as sleeping quarter for the family, and more seldom for the storing of food and other articles. For this last purpose, another additional space is also used and is called «killer»; the upper floor is thus divided into three spaces (Plate XV).

This distribution is shown by the house of Sredna Gora (Messon Oros) which is very important as it exercised an influence upon the houses of Balkan, according to Zlatev (1). (See Fig. 43, 44 and Plate XV 1-2).

The portico in the upper floor is used, just as in the Greek houses, for the drying of fruit and as a living room of the family during the summer months. Parts of it are usually divided by light wooden or brick partitions, forming spaces called «ambar» (stores) for cereals, or even small rooms called «odaja» and «soba».

Finally, in some more composite forms of houses there is a space between the two main rooms, used as an anti-room, having the floor higher by 0.15-0.20 m. and called prust (Greek «μπροῦστι»); and also some other smaller spaces, divided off and used as hiding-places or cellars. In the more developed forms, such as in the houses of the village

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towns, even in their palaces. Slavs never used stone construction until the 10th cent., except for their Southern tribes who, having arrived in the Balkan peninsula and the Italian boundaries on the 6th cent., could see for themselves the models of Byzantine and Roman architecture». Stone construction was first used in the building of churches and of palaces by experts specially invited from abroad. Cf. **J. Cvijic'**, op. cit. pp. 228, 230, 241, **G. Megas**, Θρακ. Οἰκήσεις, p. 48.

1) According to **Cvijic**, op. cit. p. 250, «the house of Srendnja Gora is the one that corresponds better to the desires of all Bulgarian farmers, because it has spread all over the country after the Turkish occupation».

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342 of Zeravna (Plate XV 4, 5) one end of the portico is arranged as a
171 balcony (kioschki) slightly projecting and giving a view on the road, with its floor higher by 50-70 cm. from that of the rest of the portico, exactly as in the case of the sofas in the rich Greek houses of Northern Greece (1).

According to the above survey and after the mere examination of plates XIII-XV of the appendix, it is proved, I think, that, if we except the zadrouga-systems 6-8 pl. XIII, the general disposition of space both in one-storied and two-storied Bulgarian houses does not differ from that of the Greek house and especially the North Greek one; it also displays the same consistency and the same evolution from simpler to more complex forms. Exactly as in the external shape and the entire arrangement, the internal arrangement of the space in the Bulgarian house does not differ from the Greek and especially
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[354 the Northern Greek house. The hearth, in the Bulgarian house, is
[352 built in the middle of one of the walls or in one corner of the main room with a chimney that semi-circularly protrudes over it. We also find there our well known shelves high on the walls of the room, wall cupboards (doulapze), little opening (juklouk) and large wooden cupboards (moussandri) on both sides of the hearth; the sofas (menderia) also here extend along the walls and are covered with manifold patterns, rugs and cushions.

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[352 Facing the hearth there is the pitcher-stand and next to it, in the
[252 wall, the cutlery cup-board. Bread is baked in a clay tray down in the hearth, just as in the houses of Agrafa in Thessaly. A low round table is used for eating, exactly as in the Greek rural houses in older times (2).

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192 C. Jirecek, when describing the interior of the Bulgarian rural
342 house towards the end of the 19th century, also mentions some articles whose names originate from the Greek language: chromel (χειρόμυλος) = a hand-mill for wheat or salt; stomna or stovna (στάμνα) = water pitcher with narrow neck; charkomka (χάλκωμα) = brass-utensil; paploma (πάπλωμα) = bed-cover; sakul (σακκοῦλι) = bag; ikona (εἰκόνα) = an ikon placed in the corner of the room (3).

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[192] 1) See **G. Megas** Θεσσαλ. Οἰκήσεις, pp. 86, 93, 97, 99.

2) According to Jirecek's note where he describes the Bulgarian urban house «Bulgars use only foreign words for the table. These are the Greek «trapeza», the Rumanian «massa» and the Turkish «sofra».

3) **C. Jirecek,** op. cit. p. 158, K. Myrtilos Apostolides in Ἀρχεῖον Θρᾳκικοῦ Θησαυροῦ vol. 8 p. 102 mentions many names of everyday objects which are orig-

Serbs EF6
Bulgaria EE1
Slavic Peoples E16

[The Bulgarian House of the Mountains]

The only difference lies in the method of heating of the second room. This is not heated as the main room by an open hearth, but by a stove. This is the reason why this room is called soba (i.e. stove). In order to allow the smoke of the stove to escape through the chimney of the hearth, the latter is often built at the party wall and thus it is possible to feed the stove from the side of the hearth (see fig. 44).

This system of heating, the combination of hearth and stove, the latter being fed on the side of the hearth, it is generally seen, in the Slav dwellings and is probably due to German influence (1). The arrangement of the space, however, is in the Slav house entirely different from that of the Bulgarian one. With Slavs, and even with the Serbs of Bosnia the stove (Slav. pec) is in the main room, which originally constituted the entire house (called jisba or kuc'a); this stove took the place of the open hearth because of the German and Latin influence (fig. 45 a-b). The ante-room, (pitvor) which originally had no heating, was changed into a kitchen with a hearth (called kuchyna in Czech or kyha in Serb) (2) since the time when the opening of the stove it was moved and opened on the party wall, so that the fuel could be cast from the ante-room; for in front of the mouth of the stove, a base for a hearth was thus created. (Fig. 45c and 46).

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inating from the Greek and are to-day used in the written Bulgarian language: gonia (γωνία)=corner; dilavia (λαβίς)=pincer; enghistra (ἀγχιστρον) =hook; kerami (κεραμίδι)=tile etc.

1) The word **isba** which is also used by the Bulgars, and means the house or rather the basement is found in Russian texts of the 10th and 11th centuries as «istuba» and originates from the German word «Stube», meaning a place for baths, equipped with a stove, and generally a warm place (**Niederle,** Manuel 2, 105. **E. Berneker,** Slavisches etymol. Wörterbuch, word istuba (istba, izdba, izba). According to **Niederle,** op. cit. p. 106 Note 3 «Slavs may have even before learned to know the very oven through their immediate relations to the Greeks (Romains) and the Greek towns of Pontos. The construction of the upper floor and other details of the Russian and generally the Slav house are also due to the German and Norman influence». (**Niederle,** ibid. 2, 108).

2) This changing of the ante-room (antichambre or vestibule according to Niederle) into a «cuisine à foyer» (kitchen with a fire-place) was not performed with all Slav peoples and is not older than the 11th cent. We do not see it with Russians, part of the Poles and Slovaks, who preserved the vestibule as a non-heated room (**Niederle,** ibid. 107 foll). Cf. **R. Meringer,** Das volkstümliche Haus in Bosnien und der Hercegovina in Wissenschaftl. Mitteilungen aus Bosnien VII, 1900 Wien, 248 foll.

Serbs EF6
Bulgaria EE1
Slavic Peoples E16
Yugoslavia EF1

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Among Bulgarians, on the contrary, (Fig. 44) the open hearth (ognichte) is always to be found in the main room which, as it is shown by its name (kăsta=house), originally constituted the whole

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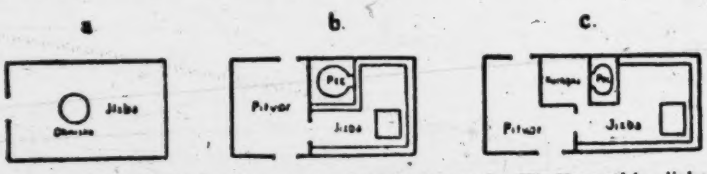

Fig. 45 Three developing forms of a Slovak house in W. Karpathia. jisba= room, ohnisko=hearth, pitvor=ante-room, pec=stove, kuchyňa=kitchen (L. Niederle, Manuel de l'antiquité Slave 2, 107).

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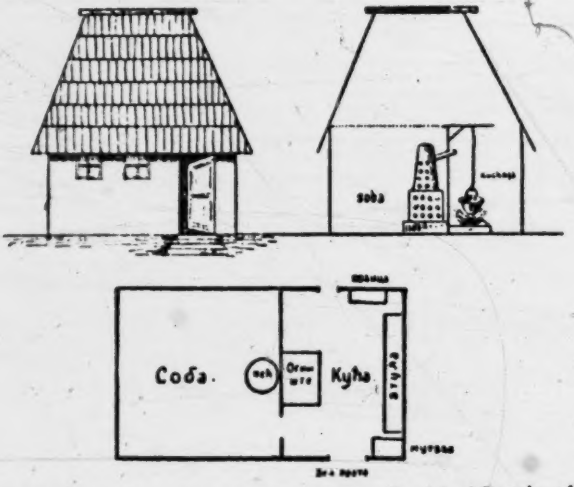

Fig. 46 Plan and section of a Serb house (kuc'a) of Bosnia, after R. Meringer (soba=room with stove, kyha=kitchen)

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house. This hearth is often built on one of the main walls or in one corner of it and the stove is in the other room, which is called «soba». On the other hand, this combination of hearth and stove in the Bulgarian house is neither old nor is it generally found since, according to Jirecek's descriptions, bublished towards the end of the 19th century: the Bulgarian house «usually consists of a single space levelling with the

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ground and having a beaten earth floor and an open fire-place» (1); as L. Niederle remarks (ibid. p. 108, note 1): «in the Balkans the Latin influence is shown in the addition of the soba to the kuc'a; this change, however, is not older than the 19th century» (2).

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Consequently, even this difference, which is noted at many places, in the system of heating between the Bulgarian agricultural house and the Greek one, is neither original nor basic.

The houses of the Rodope area are peculiar in their external architectural shape, as they do not have the open portico of the upper storey, which is so typical for the mountainous Bulgarian houses (3). Obviously it is the lack of security in these districts, where there was a lot of banditry (called Momtsilo, Kirtzalis) (4) since the later Byzantine years, that imposed here, as well as in Western Macedonia equally suffering from the incursions of Albanians, the system of fortified buildings, with their heavy and strong walls, reaching as far up as the roof even on the frontage of the house; an internal staircase; a strong main-door, with loop-holes on each side as well as the arrangement of the veranda (heliakos) into a large ante-room, or drawing room, with fine balconies or kioschks, protruding on its ends (fig. 47) (Zlatev, fig. 61 and 67), exactly as it is seen in the covered balconies and the high sofas of the rich houses in Western Macedonia, Epirus and Thessaly (5). It is understood that in the simplest shapes of houses

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1) **C. Jirecek**, op. cit. p. 158.

2) The Russian ethnologist **Tokariof**, when describing the Bulgarian house, says: «Almost all the old houses have an open hearth on the wall with a pot hanging over the fire, and with a wide open chimney that has its exit through the roof The bread is usually baked in this hearth. As for the horizontal plan, the house is divided into two parts: the kitchen with the fire-place and the «oda», the room, that now has an iron stove». (Μόρφωση, Γ' 1946 p. 126). According to **R. Meringer** (Sitzungsber. Philos. Histor. Kl. der Wiener Akad. Abh. 2 p. 13) Bulgaria, Albania and the Hercegovina are placed in the category of the countries with fire-place (Kamin!änder).

3) According to **Tokariof** «one sees as completely different thing in the Rodope mountains. We have an example in the village of Baskovo. There, the old houses have "an extremely complicated plan which is very difficult to be analysed. Houses are very big; they have three or four floors and sometimes the wall of the front of the house has no windows at all. The upper floors sometimes extend over the lower by covered balconies, as it is the custom in the East. Houses are built one against the other, thus forming whole blocks. This architectural style is entirely different from the Eastern-Slav type of house where the plan is always a simple rectangular parallelopiped».

4) See **W. Slataraki**, Geschichte der Bulgaren, I Leipzig 1918 p. 165.

5) **G. Megas**, Θεσσαλ. Οἰκήσεις pp. 55, 88, 97, 104, 109, fig. 50, 80, 90.

[Text continues on p. 75]

attached plan of such a house of the village of Dolna Mitropolia in the Plevna District of the year 1895 (fig. 50). 342

This consists of two underground galleries. The first and main gallery has, after the entrance, three spaces, meant for the housing of the family and of the cattle. The first is the anteroom (prust), the second is the stable (zemnik) and the third is the room (breg). The second gallery which is perpendicular to the first, comprises the house (kăsta) with the hearth and the cellar (called zadnik = back side). [231]

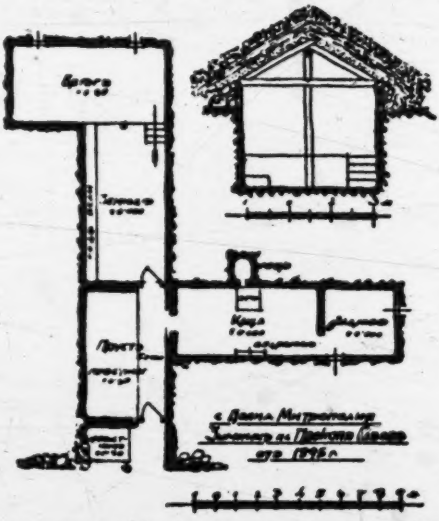

Fig. 50 Village Dolna Mitropolia. Trogle of Prokopi Savoff, 1895
(Zlatev, Balg. Kăsta fig. 98)

The entrance, protected by the roof which is protruding, has, as a rule, an earthen plat-form (prastnik) where the inhabitants sit, or even sleep, in summer. [513]

After a slight slope of the ground, one goes through the entrance into the prust, which plays the role of an ante-room and which, in winter protects the inner spaces from the influence of the atmosphere and in summer, it is used for the habitation of the family, having for this purpose, an earthen sofa. Two doors open from the «prust» to the two main spaces of the house, the zemnik and the kăsta.

The zemnik is never less than 7 m. long and has mangers for the cattle on one side. After this room, one goes to the breg, that [231] [513] [354]

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342 has a floor higher by 0.80—0.90 than the rest, and is used as a
513 bedroom for the members of the family. No wall separates these two
354 spaces from each other, neither is there any provision for heating.

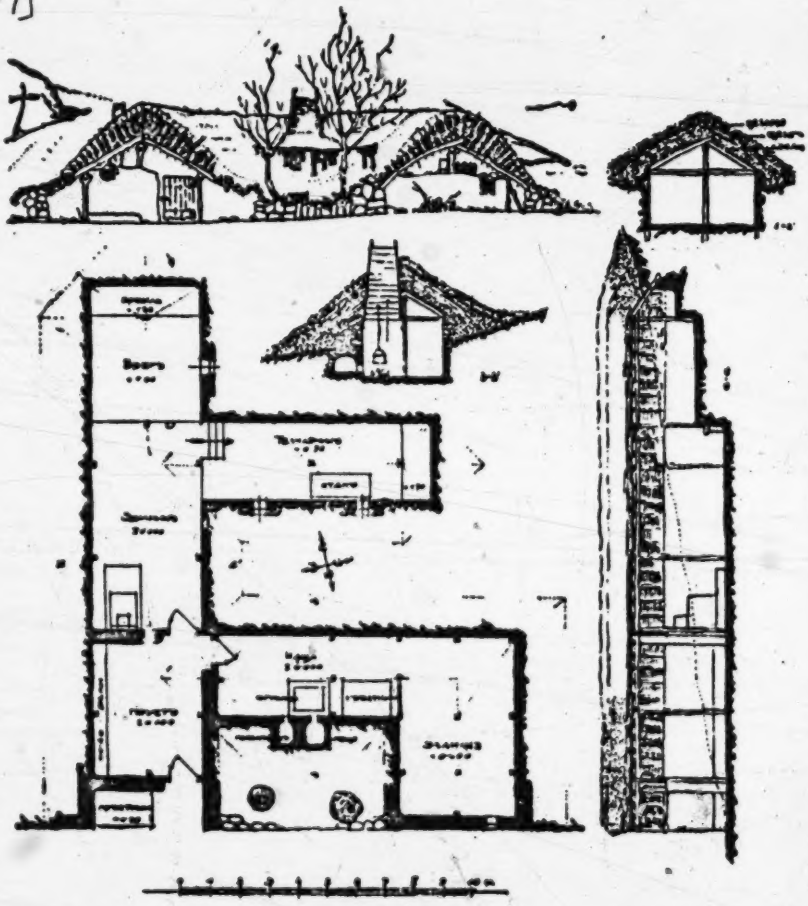

Fig. 51 Trogle of Pentso Tsoloff in the village Dolna Mitropolia, 1876
(Zlatev, Bălg. kăšta, fig. 97)

354 Instead of heating, the inhabitants keep warm by the heat omitted by
231 the cattle in the zemnik. For this reason, the male and female buffalo

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Slavic Peoples E16

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342
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are tied nearer the breg, for these animals emanate a lot of heat while feeding. One or two sky-lights are to be found on the roof of the breg and give some light to this very dark dug-out.

231
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251
353

In the second gallery, as we have said, there is the main house. It has a fire-place, 2×2 m., with a wide chimney for the escape of the smoke. The bread is baked under the ash of this hearth and there is an opening near the fire-place for the collection of the ashes. Finally, the zadnik is the space behind the house, where food, agricultural products and other useful articles are kept (1).

The same formation is seen in another lair of the same village, which was built in 1876 (Fig. 51.)

SL
172
342
B
342
171

Dug-out houses existed from the ancient times among the Slavs, and other peoples of central and Nothern Europe, but, as it is shown by the remnants found, these dwellings constituted simple shelters (abris). That is to say, the Slavs dug out a deep trench, of more than one meter depth, which they covered with a roof of timbers, branches, hay and mud. According to Niederle «the construction of the house, or rather of the roof, was more or less simple, according to whether the stay in that place was to be of short duration; because the Slavs, used to live a nomadic life for a long time and till the beginnings of historic times». Such shelter-holes (fosses-abris) were already found in the Slav countries, of dimensions 1.50×4 meters, dating from the 8th, 9th and 10th centuries. Their construction has been retained, though on a less primitive shape, until the 19th century in some districts of Russia and Poland (2). The reason of such a form of housing is the lack of forests and of timber for construction of houses in the steppe districts.

B
SL
342

The troglodyte houses of Bulgaria prove of an evolution, obviously due to the influence exercised by surface houses; they are neither of Slav nor of Bulgarian origin. Ancient authors, such as Strabo VII, 5, 12, Plinius, Nat. Hist. IV, 80, Ptolemaeus (C. Müller, Ptolemaei Geographia I, 463), mention the «troglodytes» in the district of Little Skythia, now Dobroutcha, and in Dardania, who lived, like the Phrygians and the Armenians, in subterranean dwellings (3).

Consequently the Bulgars, and the Slavs who established them-

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1) **T. Zlatev** op. cit. p. 112 figg. 97 98.

2) **L. Niederle,** op. cit. 2 p. 96 foll., 98.

3) See **C. Jirecek,** op. cit. 157. **G. Kazarow,** Beiträge zur Kulturgeschichte der Thraker, Sarajevo 1916, p. 30.

113, 323, 462, 415, 354, 789 Bulgaria EE1

[For information pertaining to the production of pottery, ceramic utensils, earth ovens, by women in Bulgaria, and associated magical beliefs, see 3: Filipovic, E13 Balkan Peoples, category 116.]